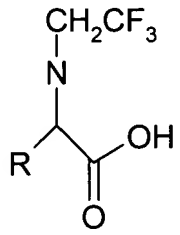
Amendments to the Claims

Please find below a complete listing of the claims including status identifiers.

1-19. (Canceled).

20. (New) A composition comprising an N-alpha trifluoroethyl amino acid compound having the generic formula:



wherein R is selected from the group consisting of alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur containing alkyls, sulfur containing aryls, heterocyclic compounds, and combinations thereof.

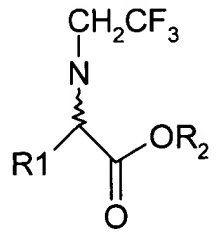
21. (New) The composition of claim 20, in which R comprises an aromatic ring.

22. (New) The composition of claim 20, in which the N-alpha trifluoroethyl amino acid is N-alpha trifluoroethyl phenylalanine.

23. (New) The composition of claim 20, in which the N-alpha trifluoroethyl amino acid is N-alpha trifluoroethyl tyrosine.

24. (New) The composition of claim 20, in which the N-alpha trifluoroethyl amino acid is N-alpha trifluoroethyl valine.

25. (New) A composition comprising an N-alpha trifluoroethyl amino acid ester compound having the generic formula:



wherein R1 and R2 are independently selected from the group consisting of alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur containing alkyls, sulfur containing aryls, heterocyclic compounds, and combinations thereof.

26. (New) The composition of claim 25, in which R1 comprises an aromatic ring.

27. (New) The composition of claim 25, in which R2 comprises an alkane.

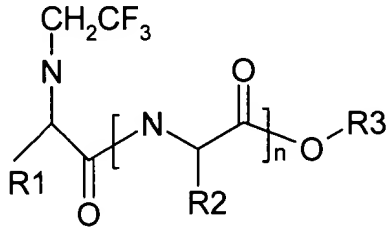
28. (New) The composition of claim 27, in which the alkane comprises a carbon chain having less than about 6 carbons.

29. (New) The composition of claim 27, in which R2 comprises a t-butyl group.

30. (New) The composition of claim 25, in which R2 comprises a protein.

31. (New) A peptide comprising a terminal N-alpha trifluoroethyl amino acid.

32. (New) The peptide of claim 31, wherein the peptide comprises the general structure:



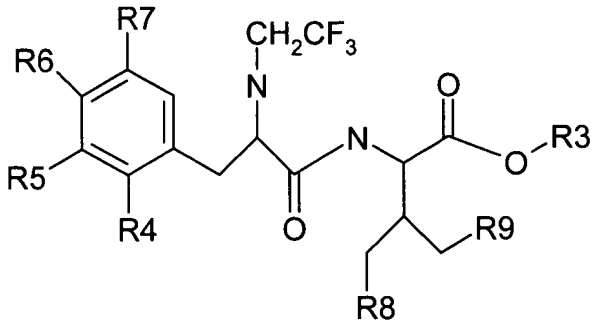
wherein R1, R2, and R3 are independently selected from the group consisting of alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur containing alkyls, sulfur containing aryls, heterocyclic compounds, and combinations thereof; and

n is greater than or equal to 1.

33. (New) The peptide of claim 32, wherein the peptide comprises multiple independent n groups.

34. (New) The peptide of claim 32, wherein the peptide is a dipeptide.

35. (New) The peptide of claim 34, wherein the dipeptide has the general formula:

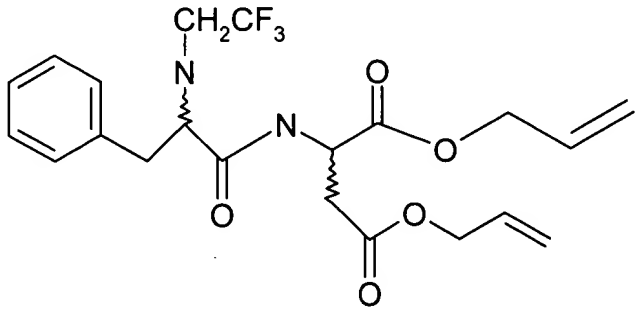


wherein R4, R5, R6, R7, R8, and R9 each are independently selected

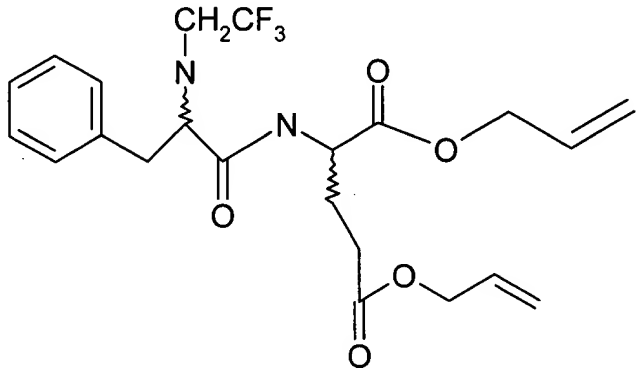
from the group consisting of alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur containing alkyls, sulfur containing aryls, heterocyclic compounds, and combinations thereof.

36. (New) The peptide of claim 34, wherein R1 comprises a phenyl group.

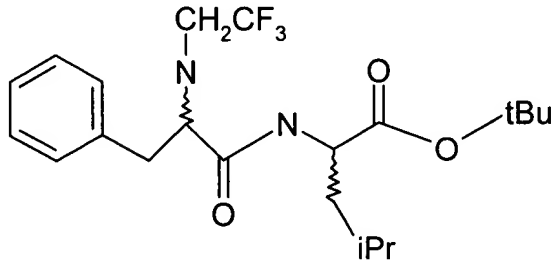
37. (New) The peptide of claim 36, wherein the peptide has the structure represented by:



38. (New) The peptide of claim 36, wherein the peptide has the structure represented by:

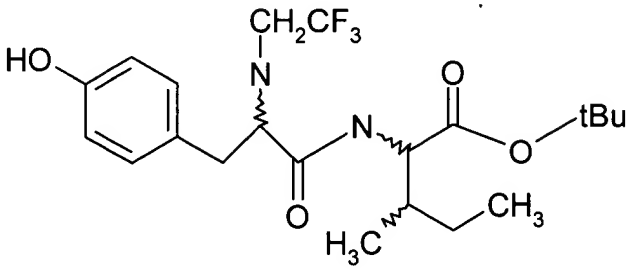


39. (New) The peptide of claim 36, wherein the peptide has the structure represented by:

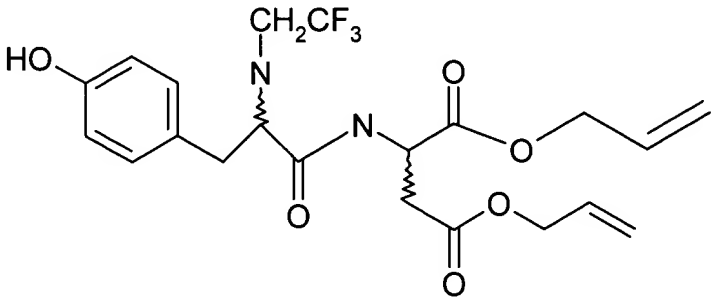


40. (New) The peptide of claim 34, wherein R1 comprises a p-methylphenol group.

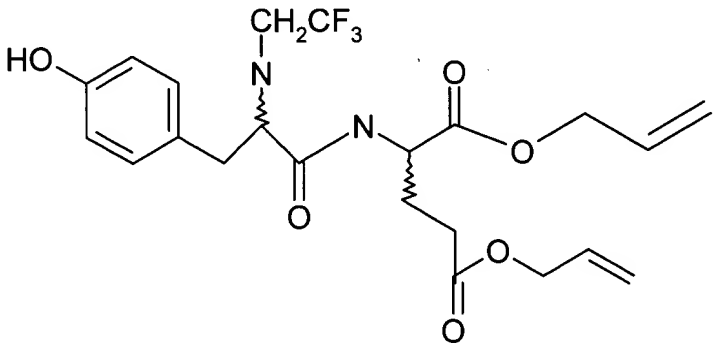
41. (New) The peptide of claim 40, wherein the peptide has the structure represented by:



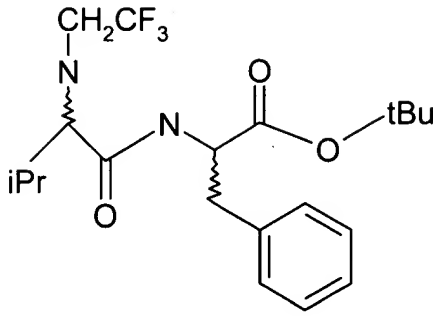
42. (New) The peptide of claim 40, wherein the peptide has the structure represented by:



43. (New) The peptide of claim 40, wherein the peptide has the structure represented by:

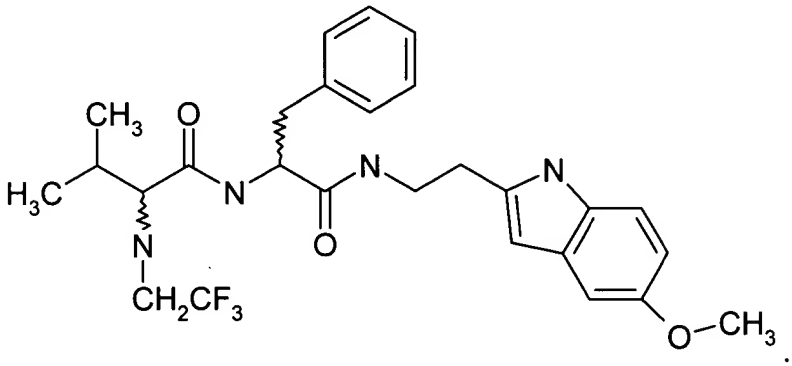


44. (New) The peptide of claim 34, wherein the peptide has the structure represented by:



45. (New) The peptide of claim 32 wherein R3 is a protein.

46. (New) The peptide of claim 31, wherein the peptide comprises the structure of:



47. (New) The peptide of claim 31, wherein the peptide comprises the structure of: